



# VERSASWITCH™ LIMIT SWITCH

## VERIFIES CORE POSITION



### SPECIFICATIONS

#### Electrical

240VAC..... 5 Amps resistive  
 4 Amps inductive  
 28 VDC

Switching..... SPDT

Operating Temperature..... 175°F max.  
 (79.4°C max.)

Operating Force..... 3.5 lbs (1.605 kg)

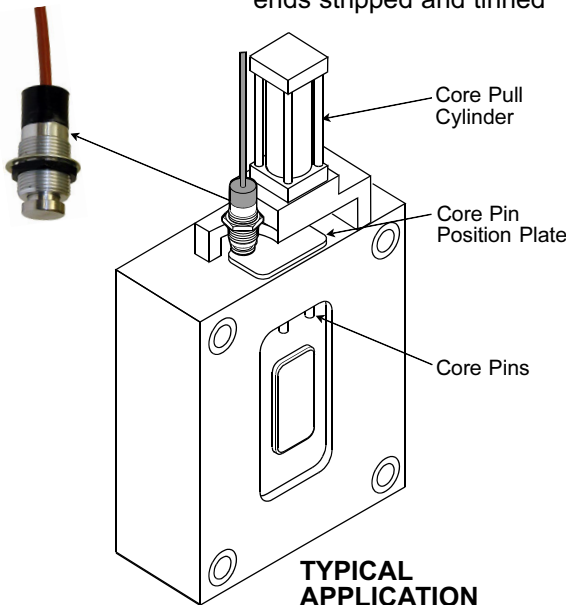
Pre-travel to operating point..... 0.06" (1.5mm)

Overtravel..... 0.01" (.25mm)

| Rated Current vs. Steel Temperature |     |      |
|-------------------------------------|-----|------|
| V-222                               |     |      |
| Amps                                | °F  | °C   |
| 5.0                                 | 85  | 29.4 |
| 4.0                                 | 120 | 49.0 |
| 3.0                                 | 155 | 68.3 |
| 2.0                                 | 175 | 79.4 |

### MATERIALS

Body..... Anodized Aluminum/ Epoxy  
 Plunger..... Stainless Steel  
 Lockwasher and Nut..... Stainless Steel  
 Wire Leads..... 22 ga. stranded, 3-conductor,  
 shielded cable, 6 ft. (1.8m) long,  
 ends stripped and tinned



TYPICAL APPLICATION

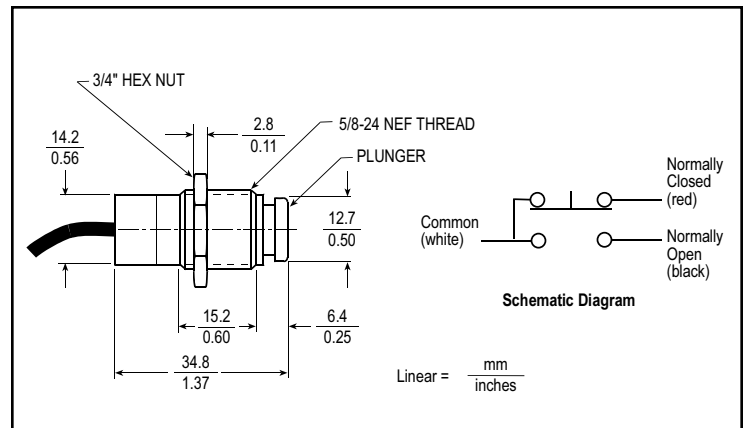
### GENERAL DESCRIPTION

Versaswitch™ Limit Switch installs into an injection mold to prevent premature movement of your machine components. By using the Versaswitch to indicate the location of the core, the switch prevents the ejector pins from moving while the core is still in place, eliminating both core and ejector pin damage. The Versaswitch limit switch also protects your profits by limiting downtime and loss of productivity.

The Versaswitch™ Limit Switch is easily installed into a 5/8"-24 female thread. The switch actuates when 3.5 lbs of force is applied to the plunger. Actuation height is adjusted by threading the switch to the correct position in the installation. The switch is held in place via a lockwasher and hex nut. SPDT snap action switch provides a simple, positive indication of the mold or core location.

### FEATURES AND BENEFITS

- Prevents costly damage to core and ejector pins.
- Over 1 million cycle life provides long dependable service.
- 175°F (79.4°C) standard temperature rating allows installation into most molding applications.
- Adjustable operating point provides custom installation.
- Stripped and tinned 6 ft. wire leads make the switch ready to install without modification.
- Included mounting hardware installs the Versaswitch limit switch easily.



| PART NO. | 1-4     | 5-9     | 10+     |
|----------|---------|---------|---------|
| V-222    | \$82.00 | \$79.00 | \$76.00 |

The Versaswitch™ includes: 1 Lockwasher, 1 nut, 2 wire clamps & instructions.



## PLASTIC PROCESS EQUIPMENT, INC.

6385 Montessouri Street, Las Vegas, Nevada 89113  
 702-433-6385 • 800-258-8877 • Fax: 702-433-6388

11218 Challenger Avenue, Odessa, Florida 33556  
 727-834-8888 • 800-282-6783 • Fax: 727-834-8873

8303 CORPORATE PARK DRIVE, MACEDONIA (Cleveland), OHIO 44056, USA

www.ppe.com • e-mail: sales@ppe.com

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Toll Free: USA, Canada & Mexico  
**800-362-0706**